

City/County Task Force

January 27, 2014

“Criminal Justice Scenarios”

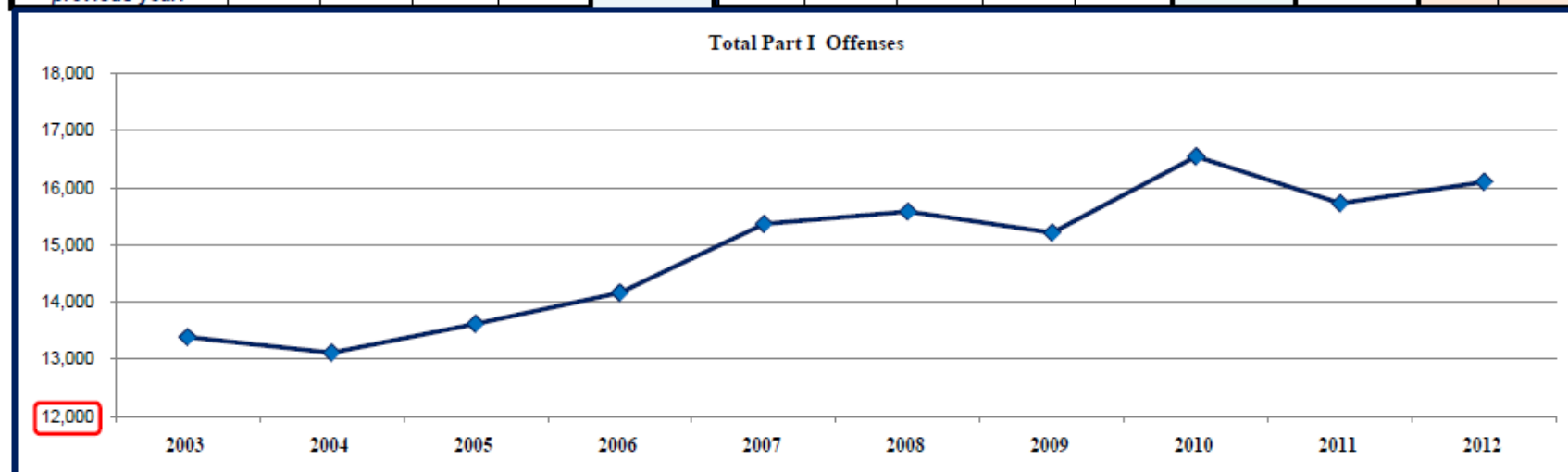
Crime Projections and Response

Chief Paul F. Williams



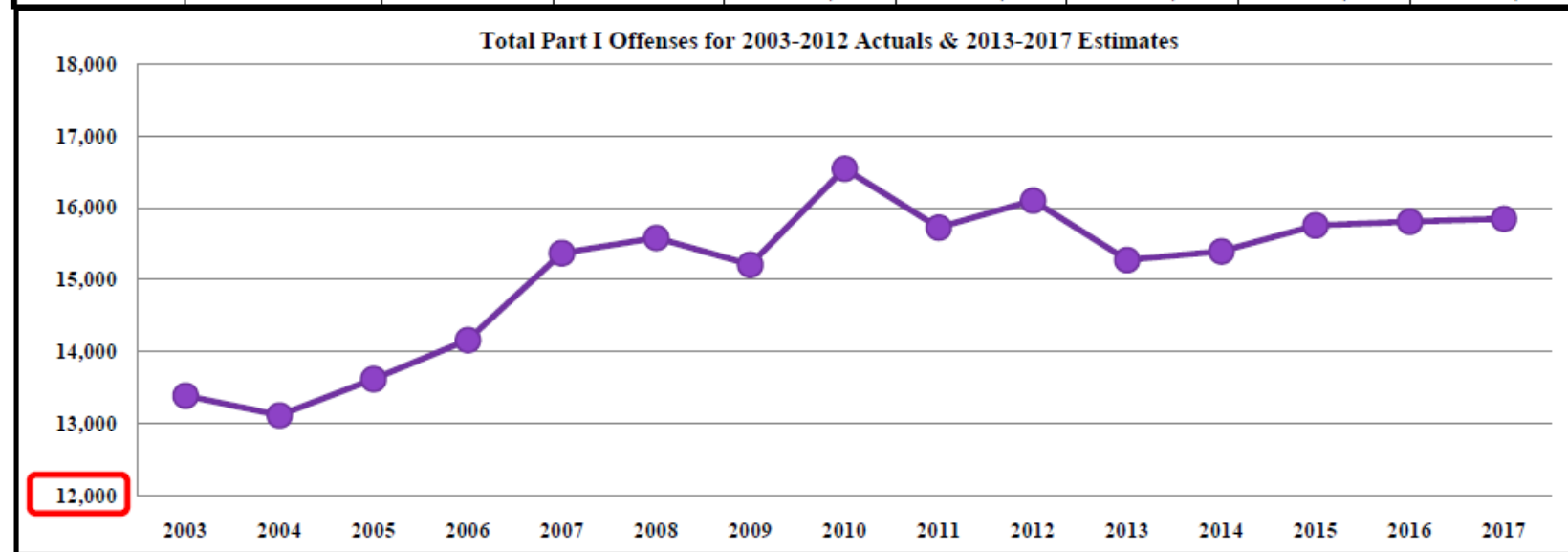
SPD UNIFORM CRIME REPORTS (UCR) PART I OFFENSES
YEARS 2003-2012
With +/- % Difference

	2003	2004	2005	2006	2007	Change from 2003 to 2007	2008	2009	2010	2011	2012	Change from 2008 to 2012	Change from 2003 to 2012	Annual Average & Median Growth	
Murder	6	10	5	6	5	-16.7%	9	6	11	5	16	77.8%	166.7%	2003 to 2012	
Yearly Difference		66.7%	-50.0%	20.0%	-16.7%		80.0%	-33.3%	83.3%	-54.5%	220.0%			35.1%	20.0%
Rape	73	85	85	82	72	-1.4%	95	112	120	110	141	48.4%	93.2%		
Yearly Difference		16.4%	0.0%	-3.5%	-12.2%		31.9%	17.9%	7.1%	-8.3%	28.2%			8.6%	7.1%
Robbery	171	184	203	252	294	71.9%	289	299	310	286	353	22.1%	106.4%		
Yearly Difference		7.6%	10.3%	24.1%	16.7%		-1.7%	3.5%	3.7%	-7.7%	23.4%			8.9%	7.6%
Agg Assault	787	578	599	661	680	-13.6%	675	780	887	905	1,086	60.9%	38.0%		
Yearly Difference		-26.6%	3.6%	10.4%	2.9%		-0.7%	15.6%	13.7%	2.0%	20.0%			4.5%	3.6%
Burglary	1,833	1,857	1,759	1,972	2,140	16.7%	2,128	2,314	2,188	2,053	2,215	4.1%	20.8%		
Yearly Difference		1.3%	-5.3%	12.1%	8.5%		-0.6%	8.7%	-5.4%	-6.2%	7.9%			2.3%	1.3%
Larceny	9,754	9,590	10,060	10,358	11,231	15.1%	11,357	10,859	12,024	11,391	11,238	-1.0%	15.2%		
Yearly Difference		-1.7%	4.9%	3.0%	8.4%		1.1%	-4.4%	10.7%	-5.3%	-1.3%			1.7%	1.1%
Stolen Vehicle	764	808	904	831	944	23.6%	1,029	839	1,004	974	1,051	2.1%	37.6%		
Yearly Difference		5.8%	11.9%	-8.1%	13.6%		9.0%	-18.5%	19.7%	-3.0%	7.9%			4.3%	7.9%
Total Part 1	13,388	13,112	13,615	14,162	15,366	14.8%	15,582	15,209	16,544	15,724	16,100	3.3%	20.3%		
Total Changes from previous year:		-2.1%	3.8%	4.0%	8.5%		1.6%	-2.4%	8.8%	-5.0%	2.4%			2.2%	2.4%



SPD UNIFORM CRIME REPORTS (UCR) PART I OFFENSES
FORECAST FOR YEARS 2013-2017
Based on the Previous 10 years, 2003-2012

YEAR	Murder	Rape*	Robbery	Aggravated Assault	Burglary	Larceny	Stolen Vehicle	TOTAL
2003	6	73	171	787	1,833	9,754	764	13,388
2004	10	85	184	578	1,857	9,590	808	13,112
2005	5	85	203	599	1,759	10,060	904	13,615
2006	6	82	252	661	1,972	10,358	831	14,162
2007	5	72	294	680	2,140	11,231	944	15,366
2008	9	95	289	675	2,128	11,357	1,029	15,582
2009	6	112	299	780	2,314	10,859	839	15,209
2010	11	120	310	887	2,188	12,024	1,004	16,544
2011	5	110	286	905	2,053	11,391	974	15,724
2012	16	141	353	1,086	2,215	11,238	1,051	16,100
2013	11	133	365	990	2,312	12,033	1,060	15,273
2014	11	141	380	1,086	2,361	12,257	1,078	15,394
2015	12	151	393	1,152	2,405	12,374	1,095	15,750
2016	12	162	402	1,216	2,406	12,486	1,126	15,804
2017	13	171	415	1,285	2,422	12,568	1,138	15,848



SOURCE: Linear Regression Forecast based on SPD Records' UCR data.

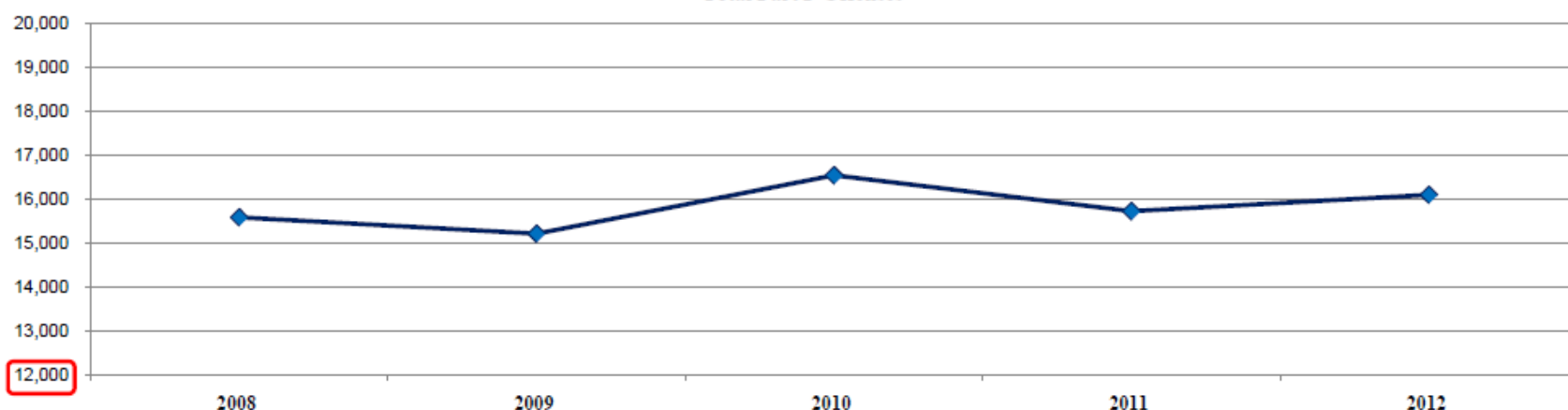
*The FBI changed the UCR definition of rape starting 01/01/2013. Rape is less than 1.1% of total offenses, so not removed from graphics.

01/23/2014 R&D

SPD UNIFORM CRIME REPORTS (UCR) PART I OFFENSES
YEARS 2008-2012
With +/- % Difference

	2008	2009	2010	2011	2012	Change from 2008 to 2012	<i>Annual Average & Median Growth</i>	
Murder	9	6	11	5	16	77.8%	2008 to 2012	
Yearly Difference	80.0%	-33.3%	83.3%	-54.5%	220.0%		59.1%	80.0%
Rape	95	112	120	110	141	48.4%		
Yearly Difference	31.9%	17.9%	7.1%	-8.3%	28.2%		15.4%	17.9%
Robbery	289	299	310	286	353	22.1%		
Yearly Difference	-1.7%	3.5%	3.7%	-7.7%	23.4%		4.2%	3.5%
Agg Assault	675	780	887	905	1,086	60.9%		
Yearly Difference	-0.7%	15.6%	13.7%	2.0%	20.0%		10.1%	13.7%
Burglary	2,128	2,314	2,188	2,053	2,215	4.1%		
Yearly Difference	-0.6%	8.7%	-5.4%	-6.2%	7.9%		0.9%	-0.6%
Larceny	11,357	10,859	12,024	11,391	11,238	-1.0%		
Yearly Difference	1.1%	-4.4%	10.7%	-5.3%	-1.3%		0.2%	-1.3%
Stolen Vehicle	1,029	839	1,004	974	1,051	2.1%		
Yearly Difference	9.0%	-18.5%	19.7%	-3.0%	7.9%		3.0%	7.9%
Total Part 1	15,582	15,209	16,544	15,724	16,100	3.3%		
Total Changes from previous year:	1.6%	-2.4%	8.8%	-5.0%	2.4%		1.1%	1.6%

Total Part I Offenses



SPD UNIFORM CRIME REPORTS (UCR) PART I OFFENSES
FORECAST FOR YEARS 2013-2017
Based on the Previous 5 years, 2008-2012

YEAR	Murder	Rape*	Robbery	Aggravated Assault	Burglary	Larceny	Stolen Vehicle	TOTAL
2008	9	95	289	675	2,128	11,357	1,029	15,582
2009	6	112	299	780	2,314	10,859	839	15,209
2010	11	120	310	887	2,188	12,024	1,004	16,544
2011	5	110	286	905	2,053	11,391	974	15,724
2012	16	141	353	1,086	2,215	11,238	1,051	16,100
2013	13	143	342	1,151	2,154	11,462	1,033	16,115
2014	15	152	353	1,245	2,145	11,491	1,051	16,209
2015	16	161	365	1,340	2,136	11,521	1,069	16,303
2016	17	170	376	1,435	2,127	11,550	1,087	16,398
2017	19	179	388	1,530	2,119	11,580	1,105	16,492



“Status Quo”

Total Additional Cost: \$0

- Maintain steady, constant authorized strength of sworn (331) and non-sworn (80) staff. Maintain response to calls for service and conduct preventative activities as possible, while continuing to investigate and solve crime at rates similar to what we do now. Dropping below these numbers does not allow for proactive policing and rarely are we ever at full strength.
- Continued focus on Crime Prevention Unit (CPU) operations, adding “Apartment Watch,” and initiating the Citizens Alert Patrol (CAP) program.
- Recruit, train and incorporate volunteers into CPU to assist with educating citizens and businesses on crime prevention tips.
- Add to security camera “network” for preventative and investigative purposes by continuing to build private partnerships to encourage access to security cameras and recorded footage, while beginning to record footage from traffic cameras and retain for 30 days.
- Discontinue practice of investigating all traffic collisions. Require minor traffic crashes to be self reported by citizens, with officers only responding to injury crashes, or with special circumstances such as drivers refusing to exchange information, a driver without insurance, and those involving intoxicated drivers.

“One Notch” Increase

Total Additional Cost: \$1,223,250 to \$2,134,994

- Create a Police Recruit classification, to actually staff the SPD at 331 sworn, in addition to the recruits.
 - **\$1,233,250** (Salary and benefits for 25 recruits)
- Add 2 Center City Zone Squads - for 20 hr. coverage 7 days/week in the Center City Zone.
 - **\$1,663,270**- 16 Off., 2 Cpl., 2 Sgt. (Includes salary, benefits, equipment, 10 cars)
 - **\$430,020** if recruit change implemented
- Additional Crime Prevention Unit Officer - Focus on business crime prevention.
 - **\$91,830**-1 Off. (Salary, benefits, equipment and car)
 - **\$32,500** if recruit change implemented
- Add 2 additional investigators to the Narcotics Unit to help with workload that already exists.
 - **\$152,660** (Salary and benefits and 2 cars)
 - **\$34,000** if recruit change implemented
- Add 2 additional investigators to the Vehicle Theft Unit to help with the workload that already exists.
 - **\$135,660** (Salary and benefits and 1 car)
 - **\$17,000** if recruit change implemented
- Add one additional sworn investigator and one additional civilian investigator to the Computer Forensic Unit to address existing workload.
 - **\$125,295** (salary and benefits)
- Additional Non-sworn staff to maintain 4-1 ratio:
 - **\$262,929** -5 PSRs (Salary and benefits)

“Toughest on Crime” Stance

Cost: ?????

- Add 2 PAR Officers - Resulting in 1 PAR Officer per Beat
 - **\$171,660**- 2 Off. (Salary/benefits, equipment, and 2 cars)
- Evening Shift Traffic Unit- Dedicated to hazardous driving enforcement and accident investigation, while also allowing Patrol Squads to focus on crime reduction activities.
 - **\$626,815**- 4 Off., 1 Cpl., 1 Sgt. (includes salary, benefits, equipment, 6 cars)
- Expand Crime Prevention Unit-This unit will be divided into residential, business and public spaces crime prevention programs.
 - **\$535,485**- 3 Off. , 1 Cpl., 1 Sgt. (salary/benefits, equipment, and 5 cars)
- Add 2 more Center City Zone Squads- six CCZ Squads total, allowing for 24/7 dedicated coverage.
 - **\$1,663,270**- 16 Off., 2 Cpl., 2 Sgt.(salary/benefits, equipment and 10 cars)
- 3 additional Squads-These would be targeted enforcement squads (1 per Zone: North, South, Center City) to focus on “hot” spots,” hot” crimes, “hot” people.
 - **\$2,721,216**- 18 Off., 3 Cpl., 3 Sgt. (Salary, benefits, equipment, and 18 cars)
- Additional Non-sworn staff to maintain 4-1 ratio:
 - **\$736,201**-14 PSRs (Salary and benefits)

“Toughest on Crime” Stance

Continued

- Add investigators to the Persons Crimes Unit to enhance investigative capabilities and address existing workload.
 - **\$118,660** - 2 Officers (Salary and benefits)
- Add investigators to the Financial Crimes Unit to enhance investigative capabilities and address existing workload.
 - **\$118,660** - 2 Officers (Salary and benefits)
- Add investigators to the Child Victim Unit to enhance investigative capabilities and address existing workload.
 - **\$118,660** - 2 Officers (Salary and benefits)
- Add investigators to the Property Crimes Unit to enhance investigative capabilities and address existing workload.
 - **\$118,660** - 2 Officers (Salary and benefits)

“Toughest on Crime” Stance

Continued

- Add non-sworn personnel to the ISS support staff in CID. Two for CIS, and two to SIS.
 - **\$210,340-** 4 ISS non-sworn employees (Salary and benefits)
- Add additional vehicles to detective fleet for above increase in personnel.
 - **\$136,000** (8 cars)
- Add investigators to the Special Investigations Unit to enhance investigative capabilities and address existing workload.
 - **\$228,990-** 3 Officers (Salary, benefits, and 3 cars)
- Create an additional Property Crimes unit in CIS to investigate misdemeanor property crimes.
 - **\$898,247** 1-Sgt., 1-Cpl., 8-Off. (Salary, benefits, equipment, and 6 cars)
- Create a Sex Crimes unit to specialize in the investigation of adult sex crimes (significant increase due to change in the definition of rape).
 - **\$722,607** 1 Sgt., 1 Cpl., 6 Off. (Salary, benefits, equipment, and 5 cars)
- Create Family Violence Unit to specialize in domestic abuse investigations.
 - **\$722,607** 1 Sgt., 1 Cpl., 6 Off. (Salary, benefits, equipment, and 5 cars)
- Add one additional sworn investigator and one additional civilian investigator to the Cyber Crimes Unit.
 - **\$152,295-** (Salary, benefits, equipment and 1 car)

“Toughest on Crime” Stance

Total Additional Cost: \$13,114,897

- *Real Time Crime Center*- Staffed with non-sworn employees monitoring the video systems throughout the city- downtown, traffic, and private enterprises willing to provide access- and providing “as it occurs” crime information and analysis.
 - **\$3,837,131**
 - **\$3,000.000*** for facility and equipment
 - **\$837,131** -15 non-sworn staff (6-PSR, 6 -Crime Analysts, 3 -Supervisors salary and benefits)
- **Amount provided by Memphis PD as the cost of their RTCC. This could be reduced considerably if a joint City-County RTCC was created, and an existing facility was utilized.*

NOTE: All costs are estimates only.

- Salary and Benefits and are based upon the following calculations: Officer- Step 1 was used based on the Lagers pay scale; Cpl. and Sgts.: Step 8 was used based on P &F Pension pay scale; PSR: PAT 5 Step 7 was used.
- Vehicle costs are based on \$32,500 for a marked unit and \$17,000 for an unmarked car
- Equipment costs are added for any new sworn personnel at \$10,000 each

Questions??

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